

Claims

1-13 Canceled

14. (New) A hydraulic unit for slip-controlled brake systems, the hydraulic unit comprising:

an accommodating member having a first housing surface and a second housing surface, wherein the first housing surface includes several valve accommodating bores in several valve rows, several inlet valves arranged in a first valve row, several outlet valves arranged in a second valve row, and at least one separating valve is arranged in a third valve row, the second housing surface accommodates at least one of a brake pressure generator and one wheel brake connection, wherein the third valve row (Z) is arranged between the first and the second valve row (X, Y) ;

a pump accommodating bore arranged in the accommodating member and pointing transversely to a direction the valve accommodating bores open into the accommodating member;

a motor accommodating bore arranged in the accommodating member and pointing to the pump accommodating bore;

an accumulator accommodating bore opening into the accommodating member and arranged adjacent to the second valve row housing the outlet valves, wherein the accumulator includes several channels which connect the valve accommodating bores, the pump accommodating bores and the accumulator accommodating bores and are able to establish a hydraulic connection between the brake pressure generator connection and the wheel brake connection.

15. (New) The device according to claim 14, wherein the first valve row opens directly beside the brake pressure generator and wheel brake connections into the

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accommodating member, while the second valve row opens between the third valve row and the accumulator accommodating bore into the accommodating member.

16. (New) The device according to claim 14, wherein the brake pressure generator is connected by way of a first portion of a supply channel to the valve accommodating bore of the third valve row that accommodates the separating valve, opening as an oblique channel radially or tangentially into the valve accommodating bore.
17. (New) The device according to claim 14, wherein a bore for a pulsation damper opens into the accommodating member between the brake pressure generator connection and the third valve row, and the bore is connected to the supply channel and aligned opposite to the first housing surface in the accommodating member.
18. (New) The device according to claim 14, wherein the supply channel has a second portion which leads to an additional valve accommodating bore in the third valve row into which an electrically operable change-over valve is inserted.
19. (New) The device according to claim 18, wherein a length of the first portion and the second portion of the supply channel in the accommodating member is defined by the distance of the third valve row from the brake pressure generator connection.
20. (New) The device according to claim 18, wherein a suction channel is connected to the additional valve accommodating bore of the third valve row in which the change-over valve is received, the suction channel in the accommodating member leading preferably as an angular channel to the pump accommodating bore.
21. (New) The device according to claim 20, wherein a length of the suction channel is defined by the distance of the third valve row from the pump accommodating bore.

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22. (New) The device according to claim 20, wherein the pump accommodating bore (is penetrated by the suction channel in the direction of an accumulator accommodating bore and the suction channel opens into the bottom of the accumulator accommodating bore.
23. (New) The device according to claim 22, wherein a non-return valve opens in the direction of the pump accommodating bore is inserted into the portion of the suction channel which is positioned between the pump accommodating bore and the accumulator accommodating bore.
24. (New) The device according to claim 22, wherein the opening into the bottom of the accumulator accommodating bore is a return channel which is connected to at least one valve accommodating bore accommodating the outlet valves in the second valve row and opening into the accommodating member between the accumulator and pump accommodating bores.
25. (New) The device according to claim 20, wherein remote from the suction channel, a pressure channel opens radially or tangentially into the pump accommodating bore, the pressure channel being connected by way of a pressure damping chamber to the valve accommodating bores of the first valve row in which the inlet valves are received, the pressure damping chamber is arranged in the accommodating member between the pump accommodating bore and the valve accommodating bores of the first valve row.
26. (New) The device according to claim 14, wherein close to the second valve row, several pressure sensor accommodating bores of a pressure sensor row open into the first housing surface of the accommodating member which, by way of several pressure sensor channels is connected to wheel pressure channels, are connected to the valve accommodating bores of the first valve row and the valve accommodating bore of the third valve row in which the change-over valve is

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received.

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